

FIG. 1A

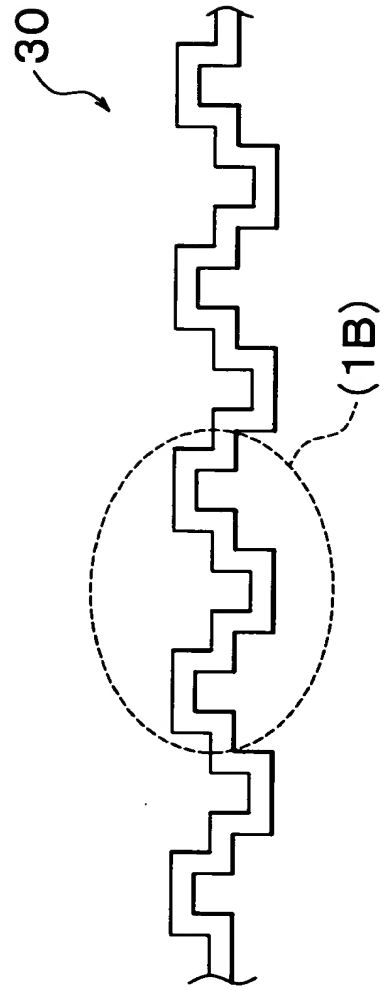
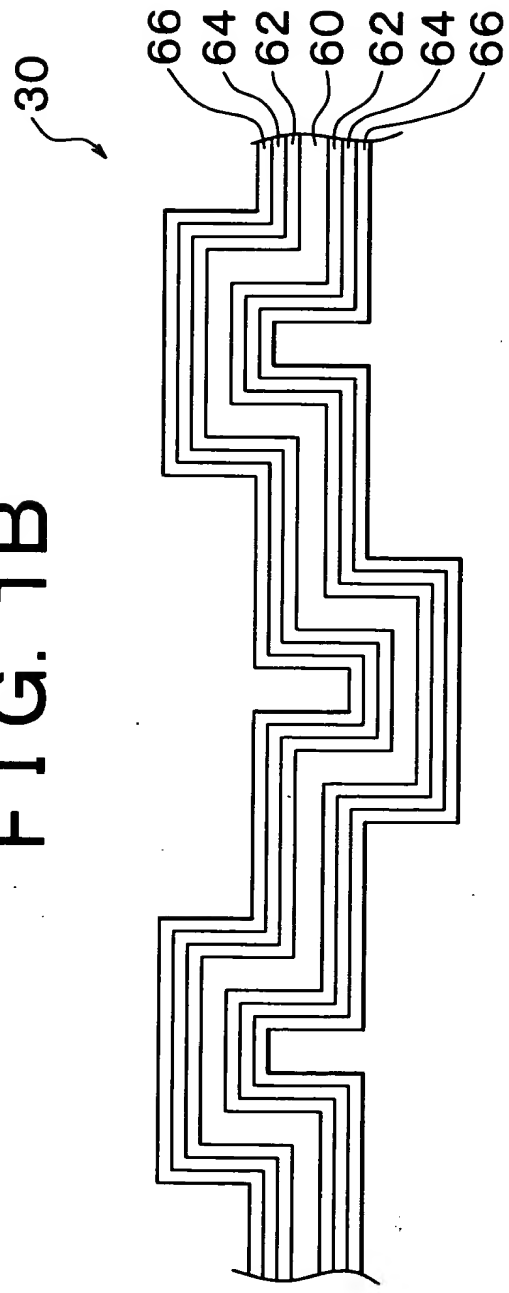


FIG. 1B



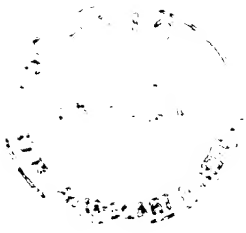


FIG. 2

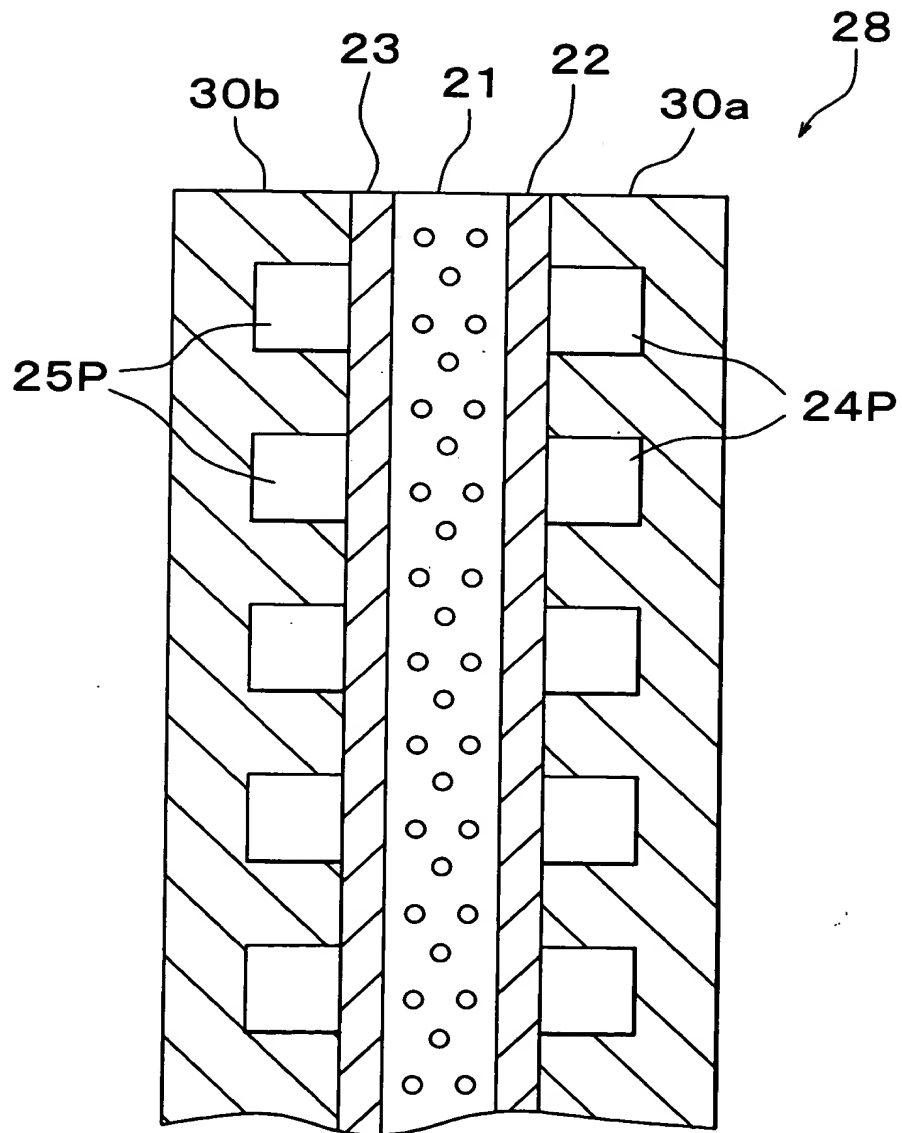




FIG. 3

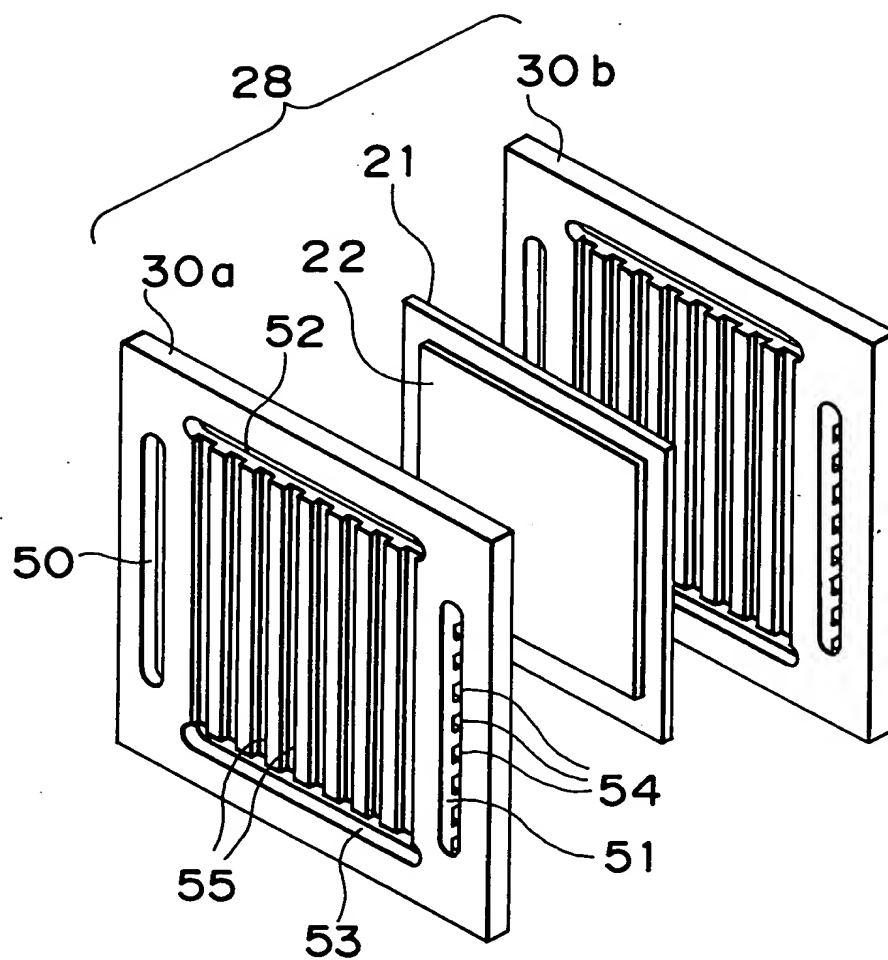
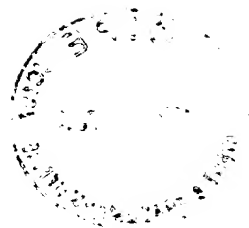
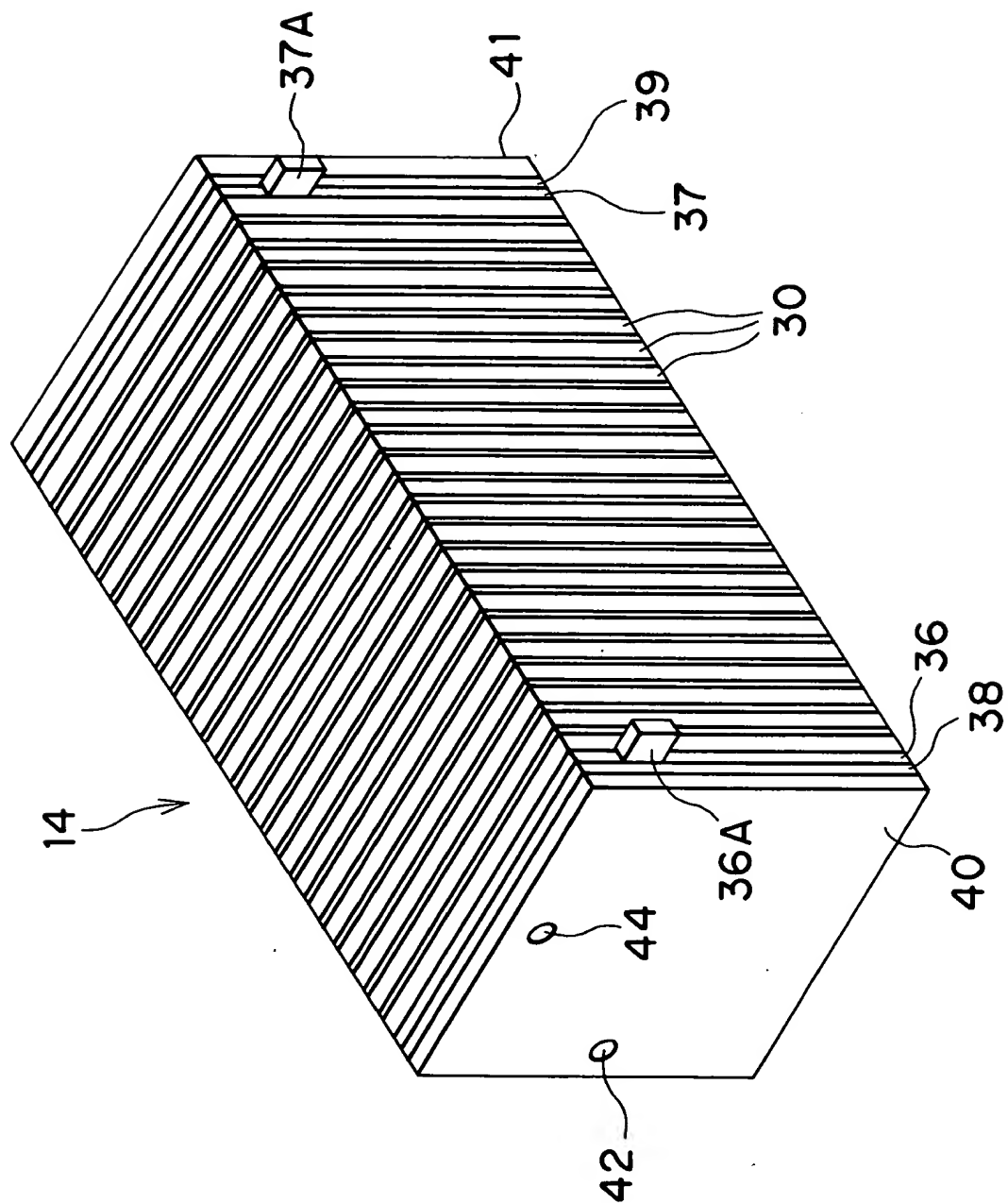
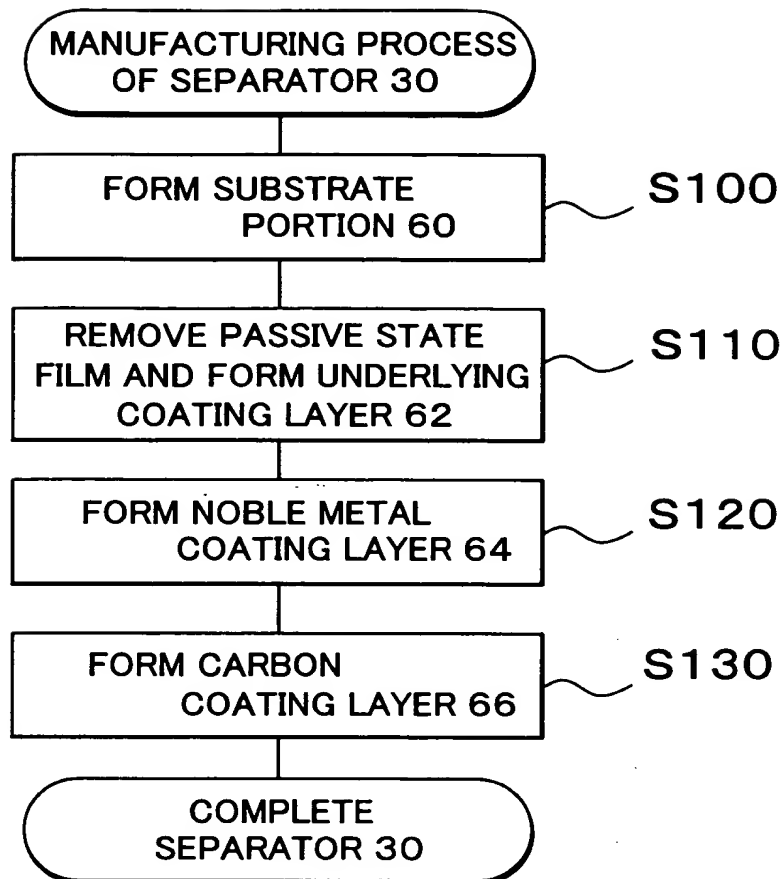


FIG. 4



# FIG. 5



# FIG. 6

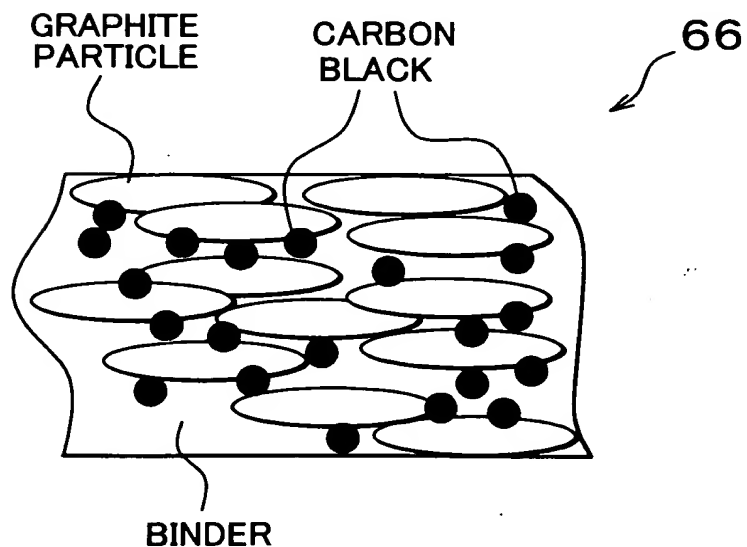




FIG. 7A

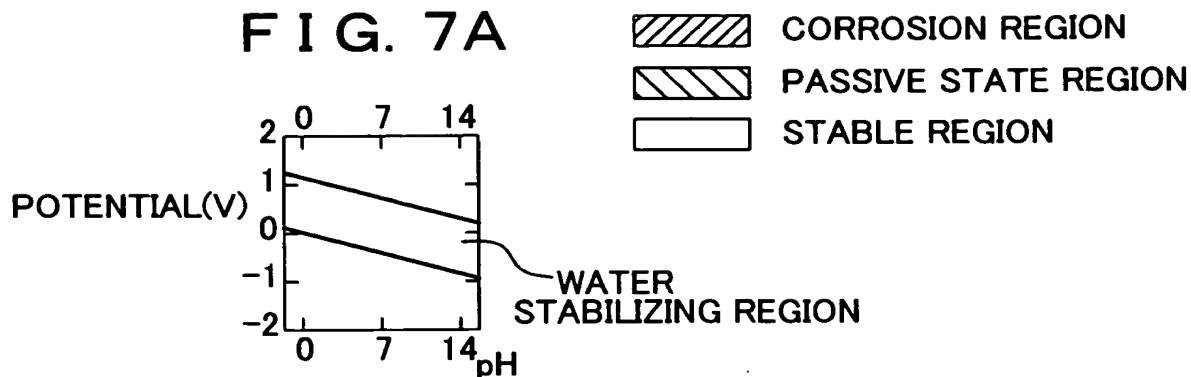


FIG. 7B

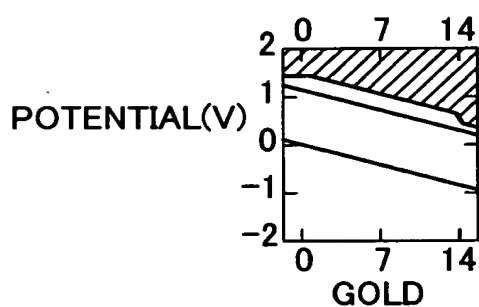


FIG. 7C

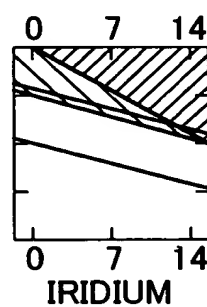


FIG. 7D

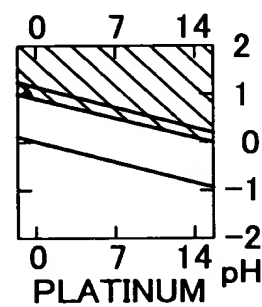


FIG. 7E

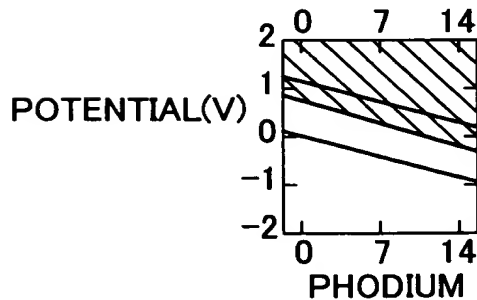


FIG. 7F

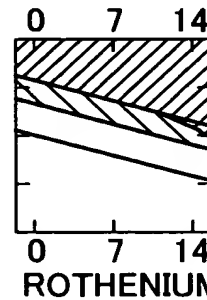


FIG. 7G

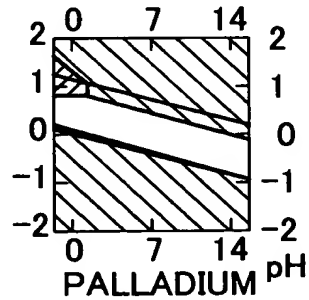


FIG. 7H

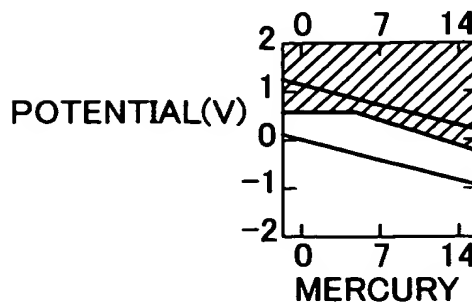


FIG. 7I

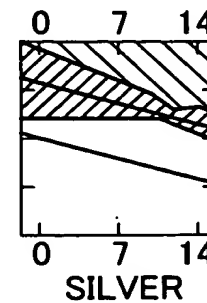


FIG. 7J

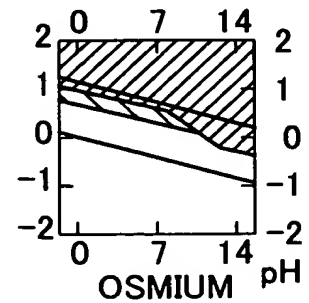




FIG. 8A

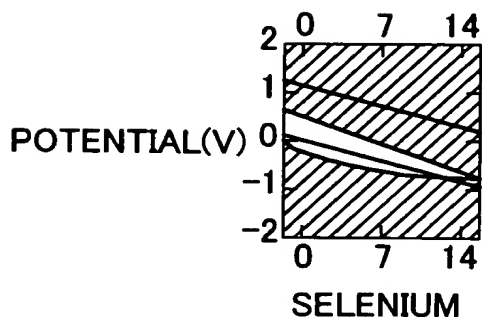


FIG. 8B

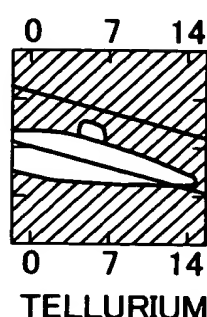


FIG. 8C

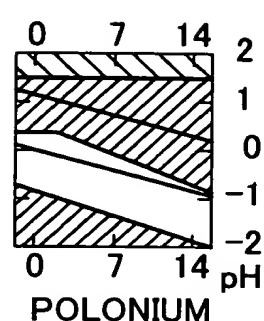


FIG. 8D

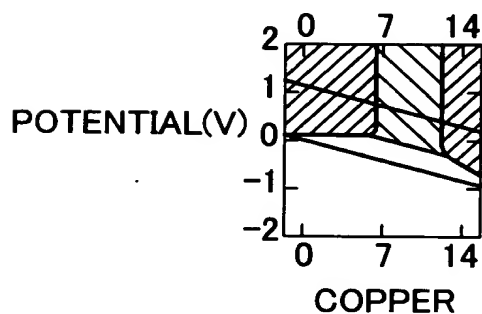


FIG. 8E

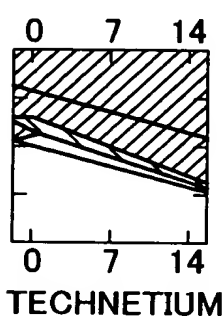


FIG. 8F

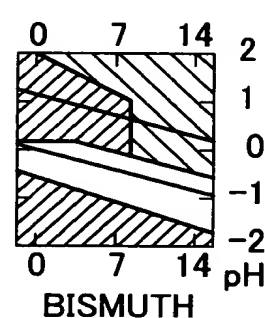


FIG. 8G

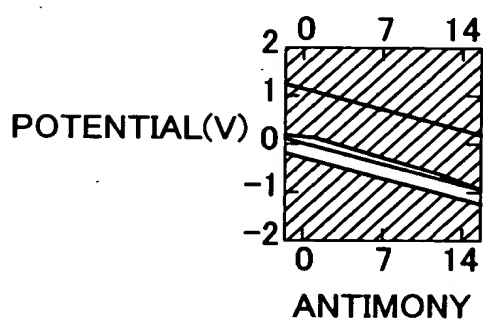


FIG. 8H

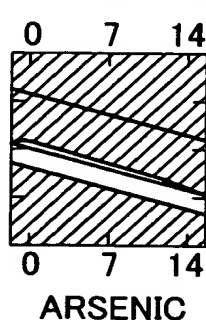


FIG. 8I

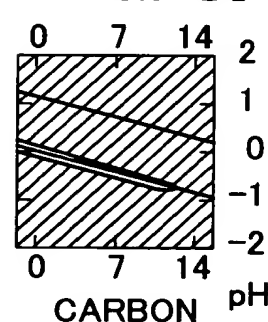


FIG. 8J

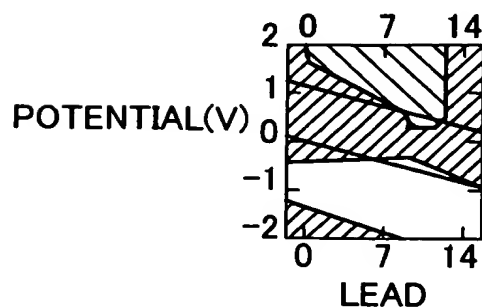


FIG. 8K

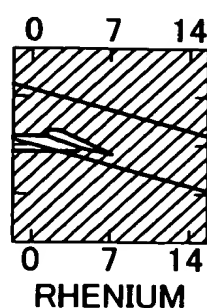


FIG. 8L

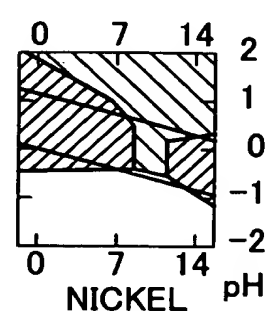




FIG. 9A

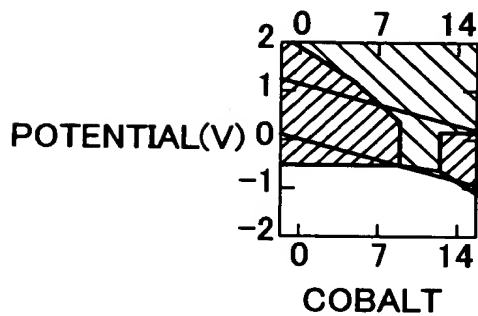


FIG. 9B

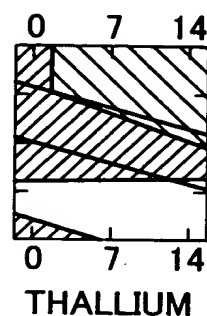


FIG. 9C

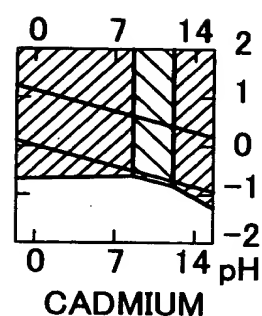


FIG. 9D

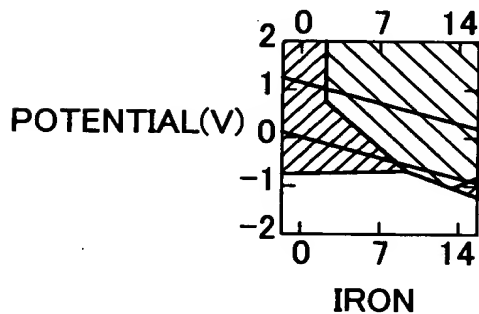


FIG. 9E

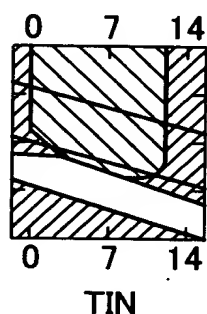


FIG. 9F

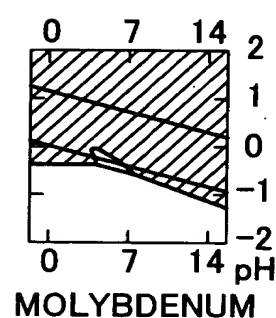


FIG. 9G

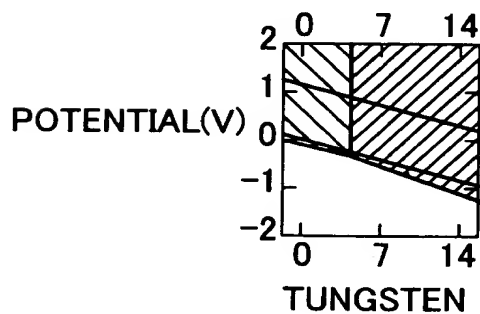


FIG. 9H

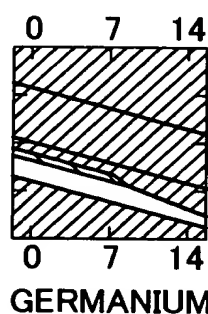


FIG. 9I

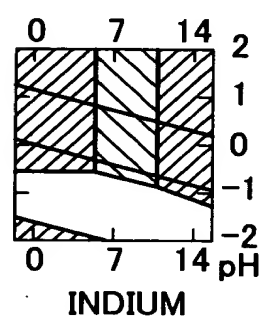


FIG. 9J

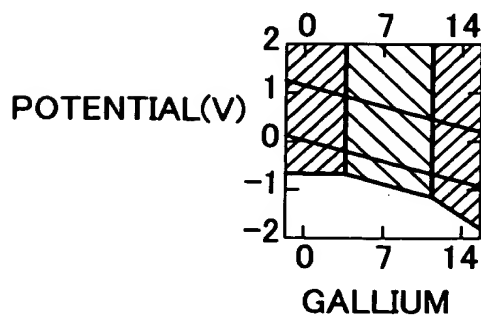


FIG. 9K

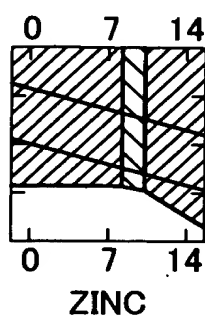


FIG. 9L

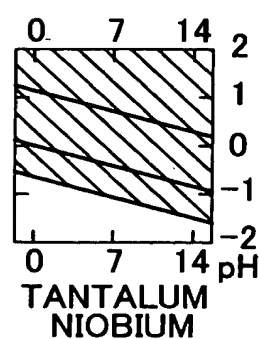






FIG. 10A      FIG. 10B      FIG. 10C

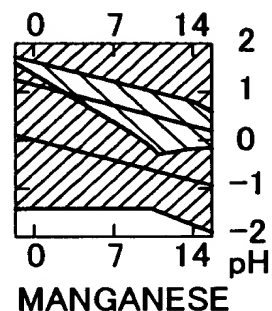
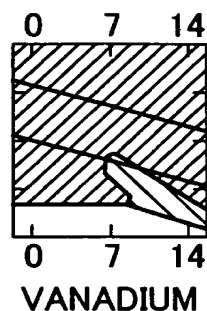
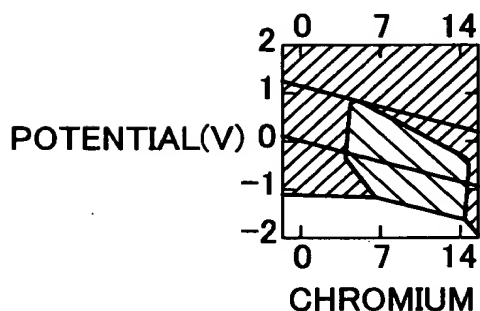


FIG. 10D      FIG. 10E      FIG. 10F

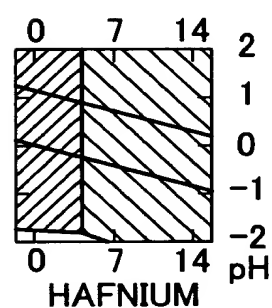
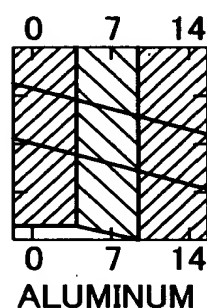
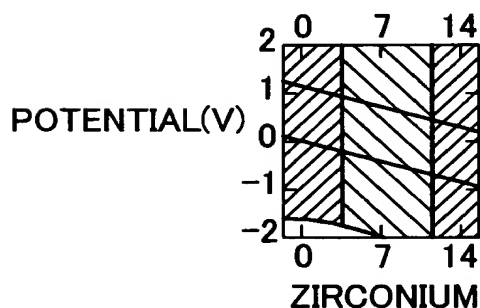
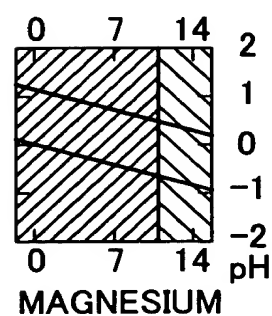
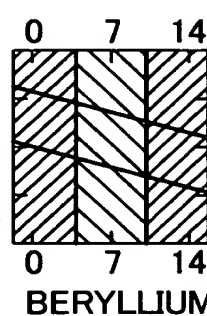
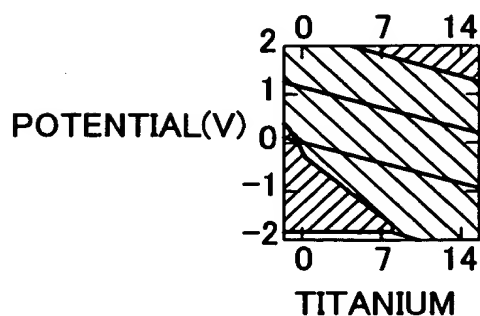
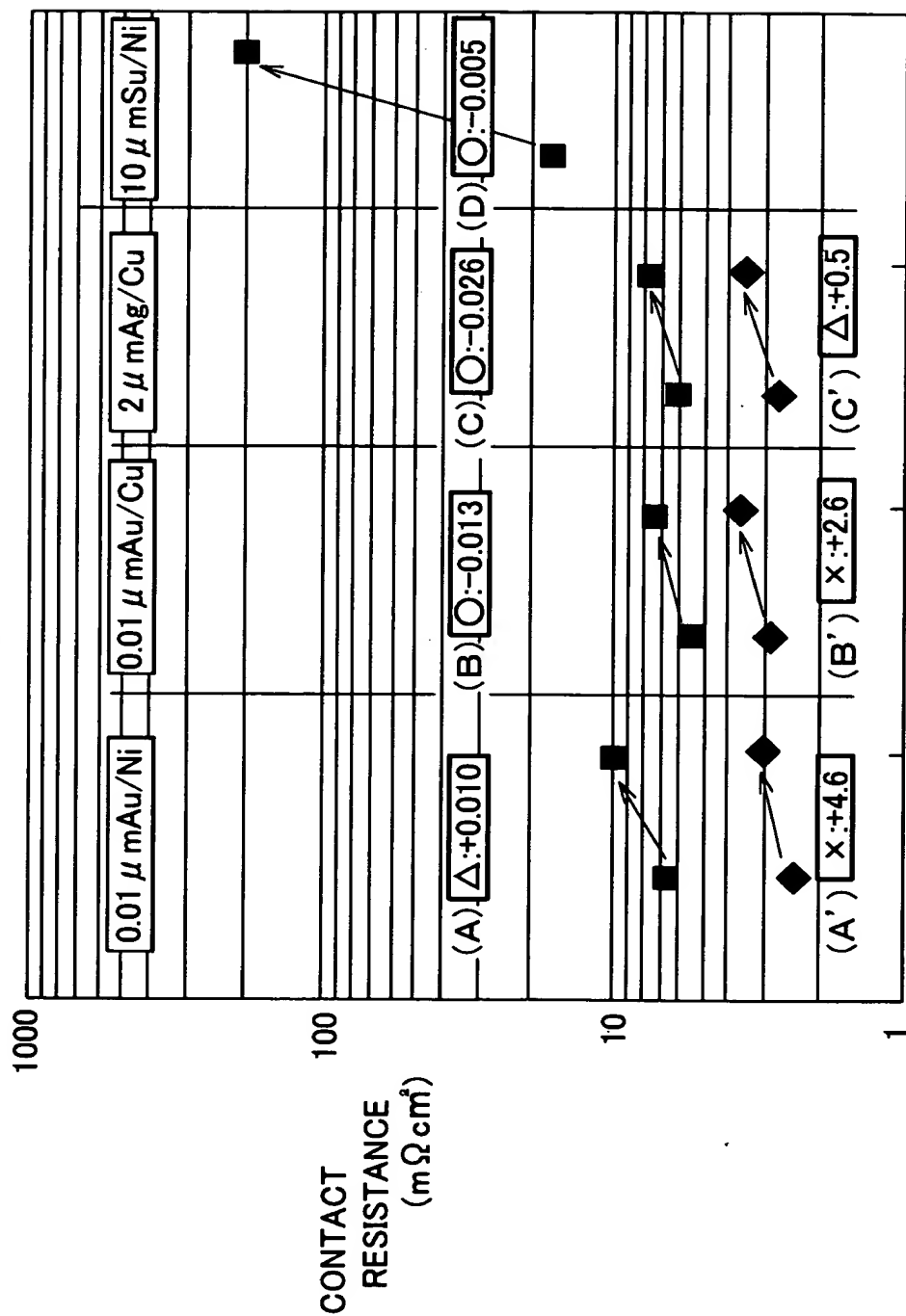


FIG. 10G      FIG. 10H      FIG. 10I



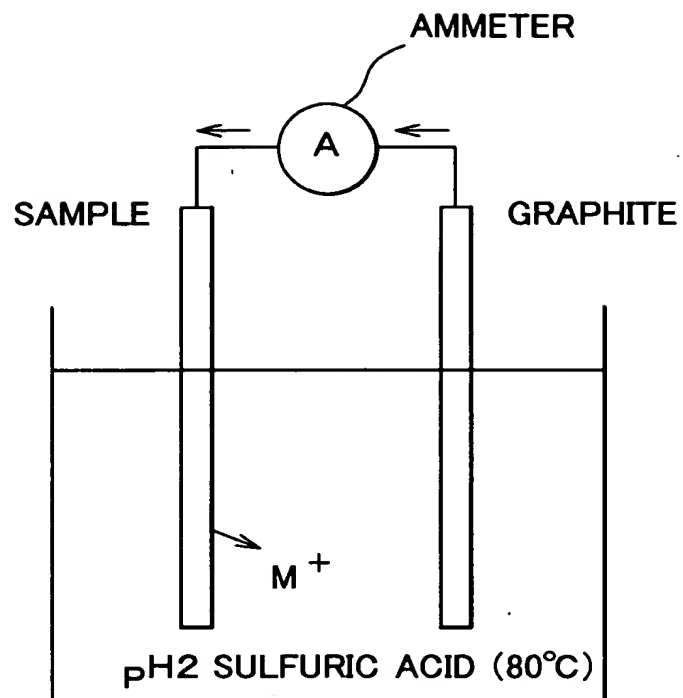
# FIG. 11



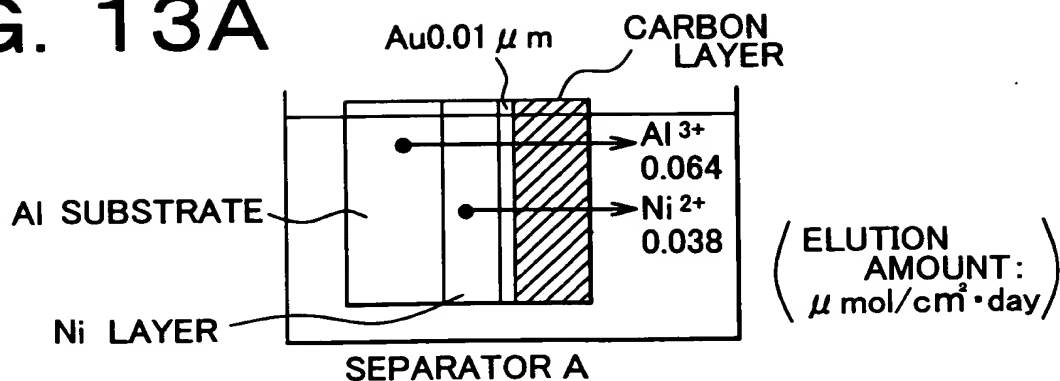
■ → WITH CARBON COATING; 100-HOUR IMMERSION IN 80°C, pH2 SULFURIC ACID  
 ◆ → NO CARBON COATING; 24-HOUR IMMERSION IN 80°C, pH2 SULFURIC ACID  
 CORROSION CURRENT;  $\mu A/cm^2$



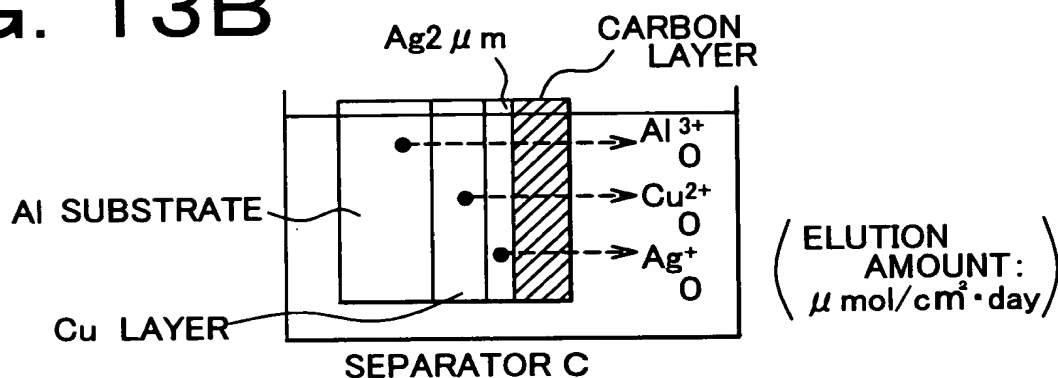
FIG. 12



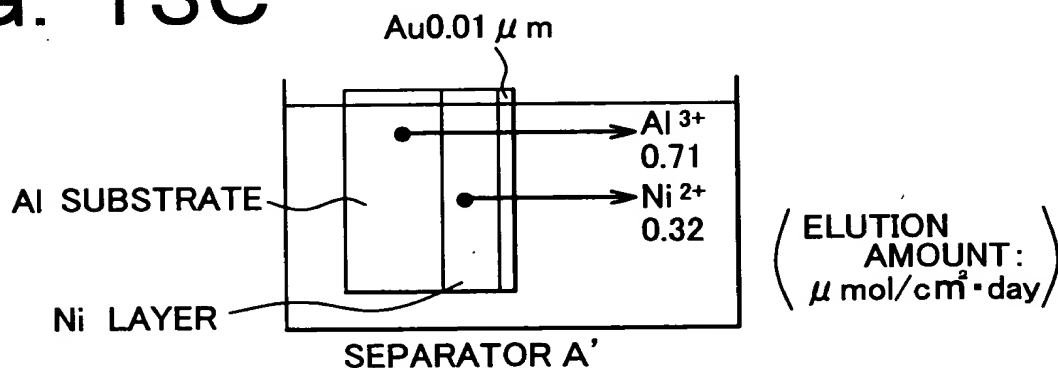
# FIG. 13A



# FIG. 13B



# FIG. 13C



# FIG. 13D

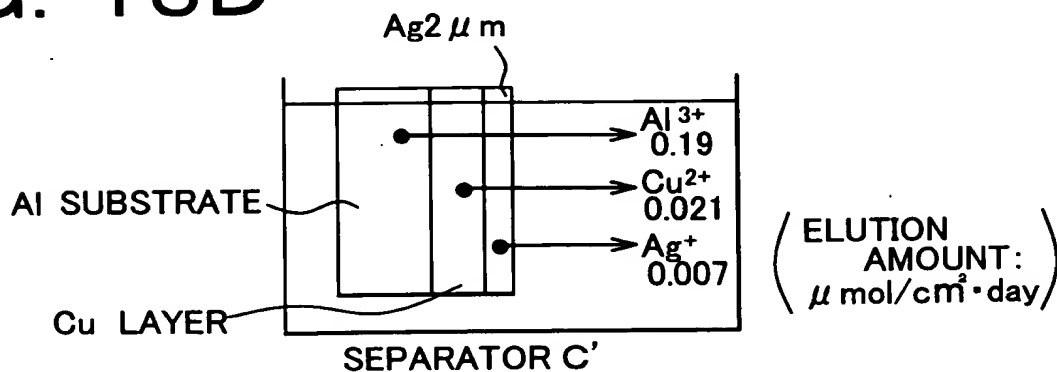
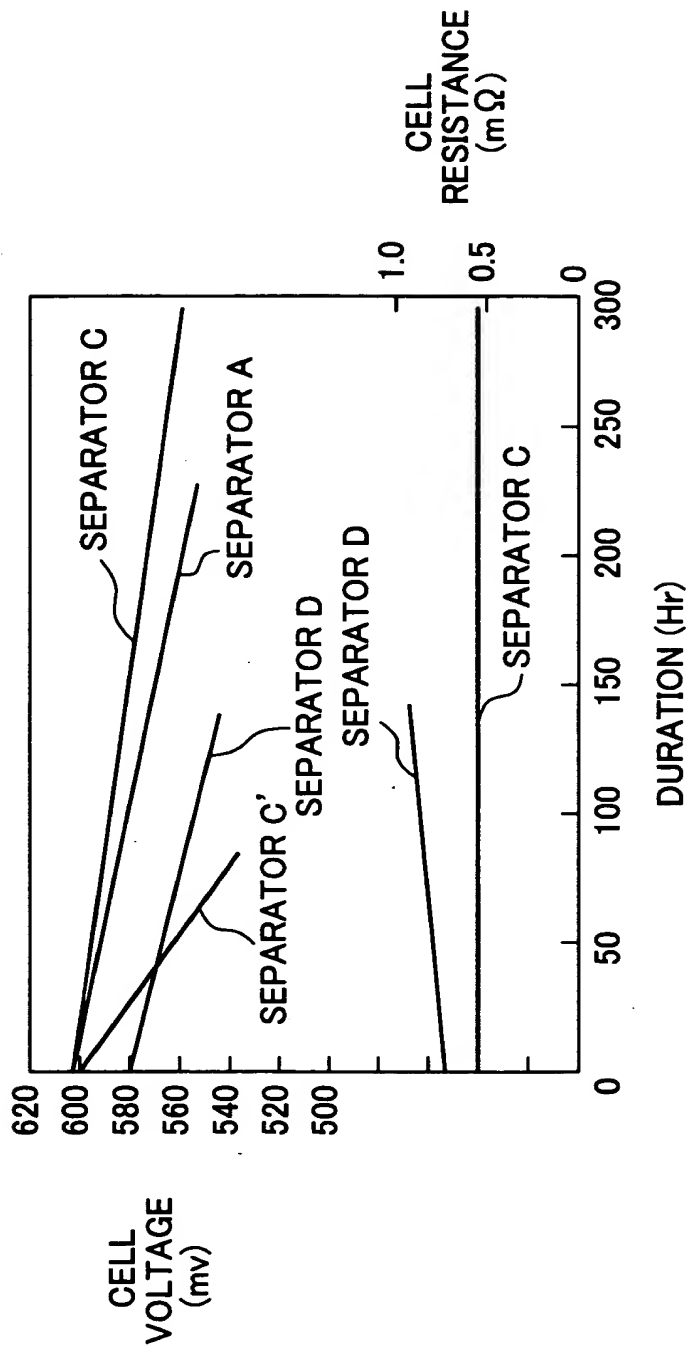


FIG. 14



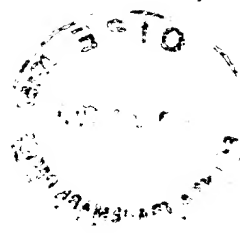


FIG. 15

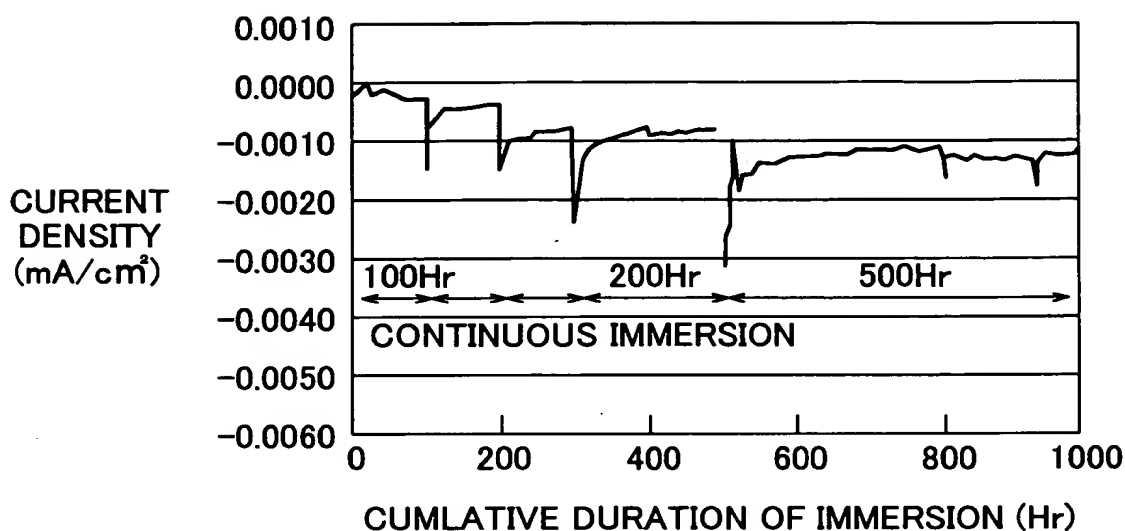
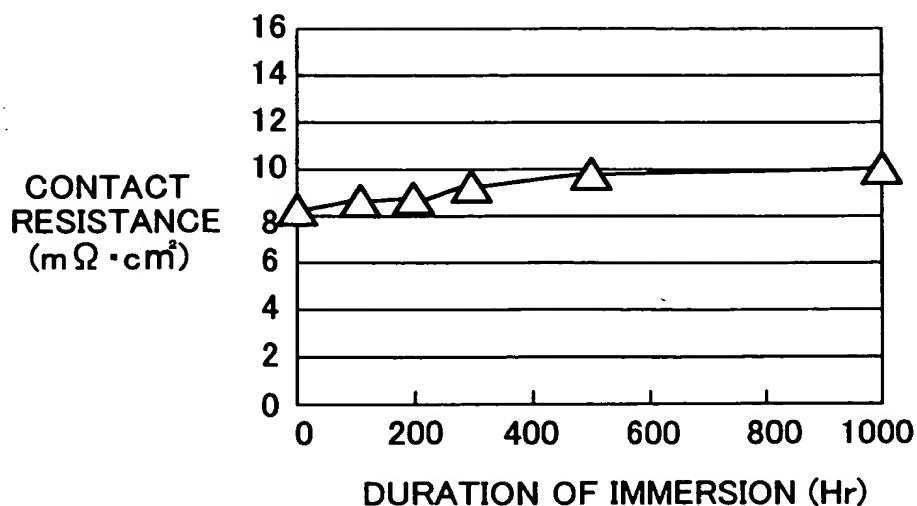


FIG. 16



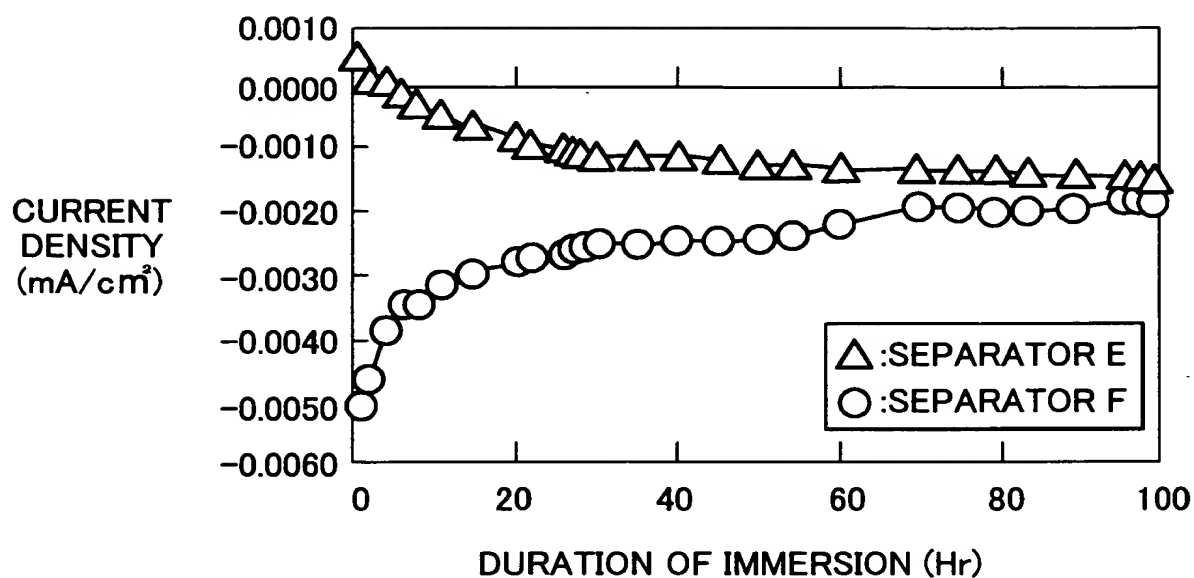


FIG. 18

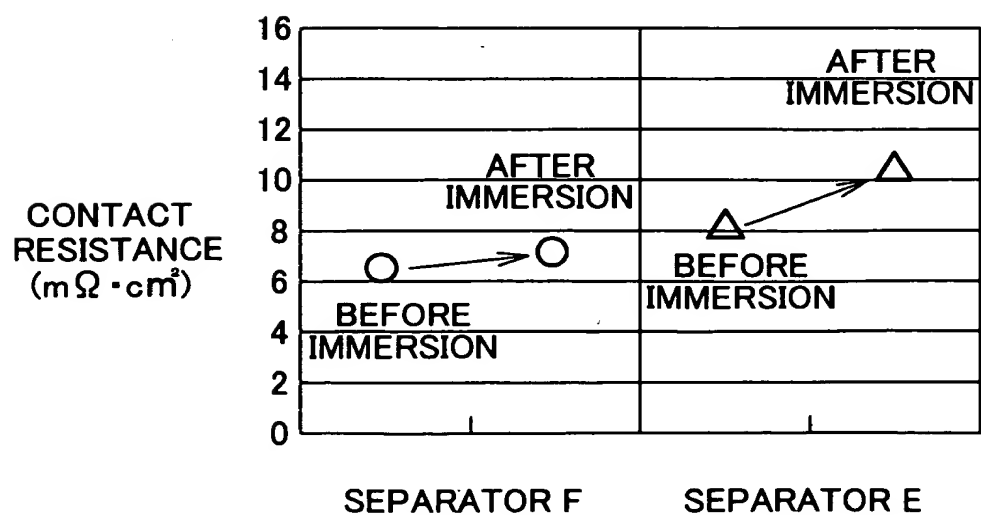


FIG. 19

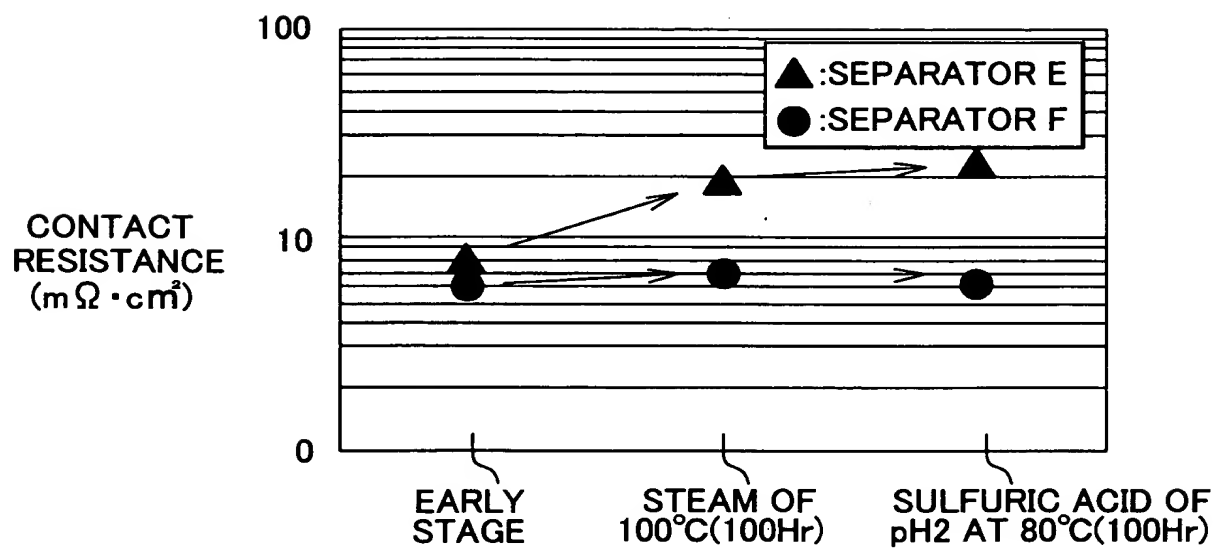




FIG. 20

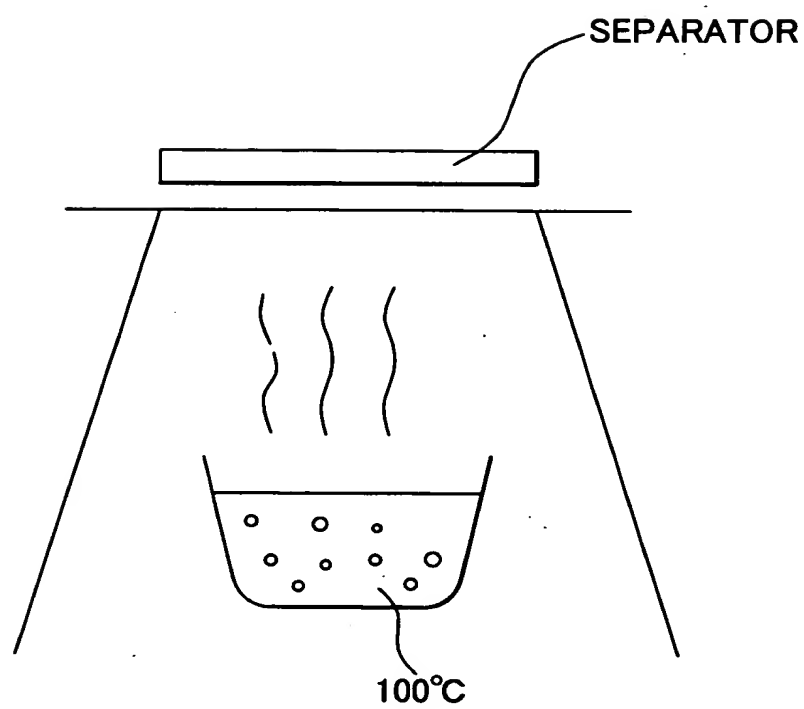
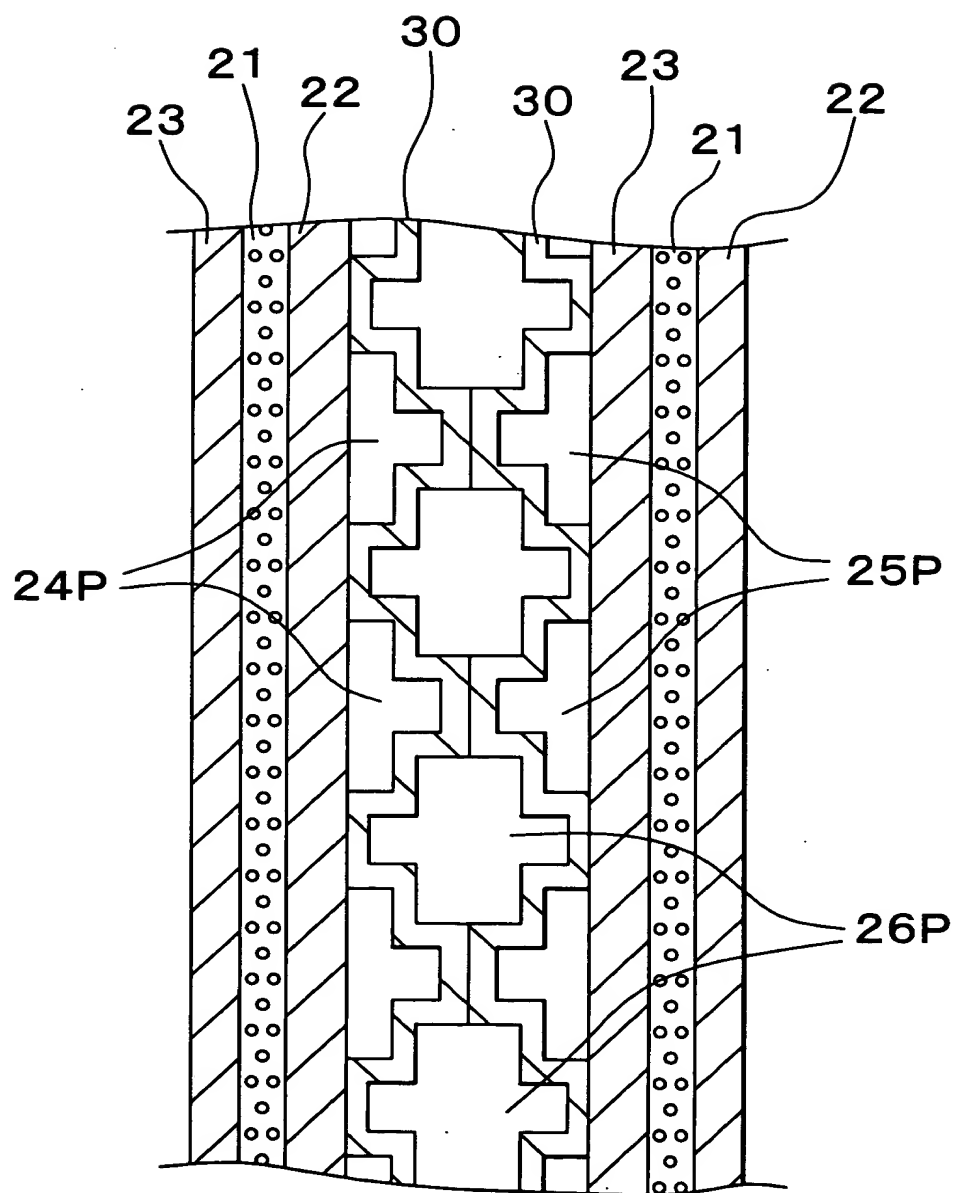


FIG. 21



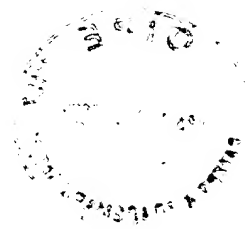


FIG. 22

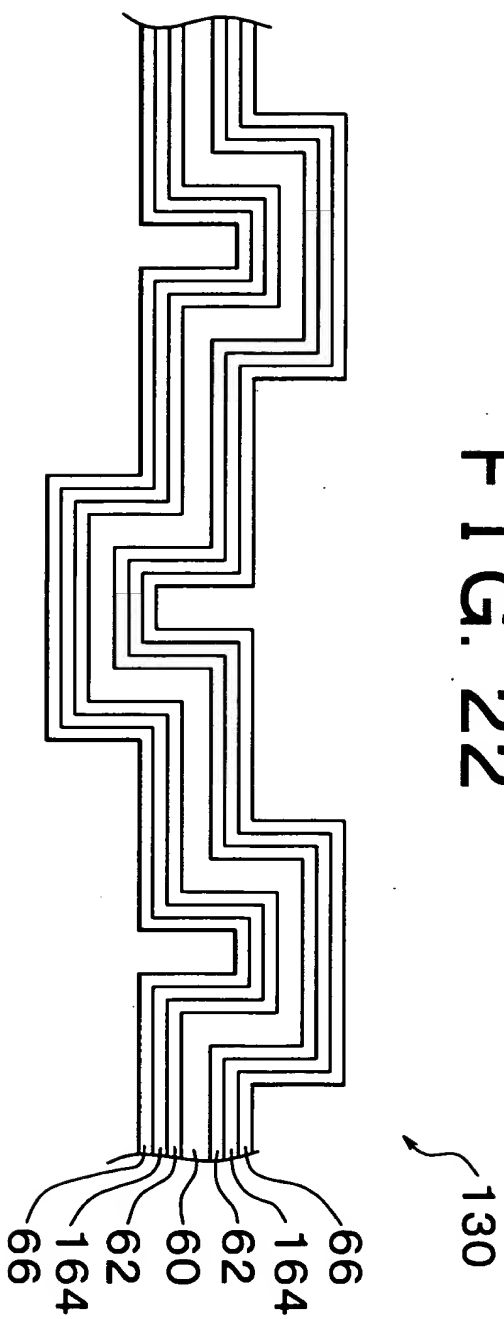


FIG. 23

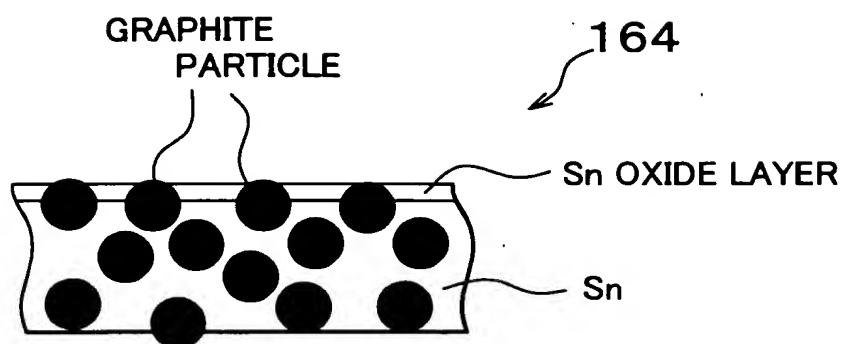


FIG. 24

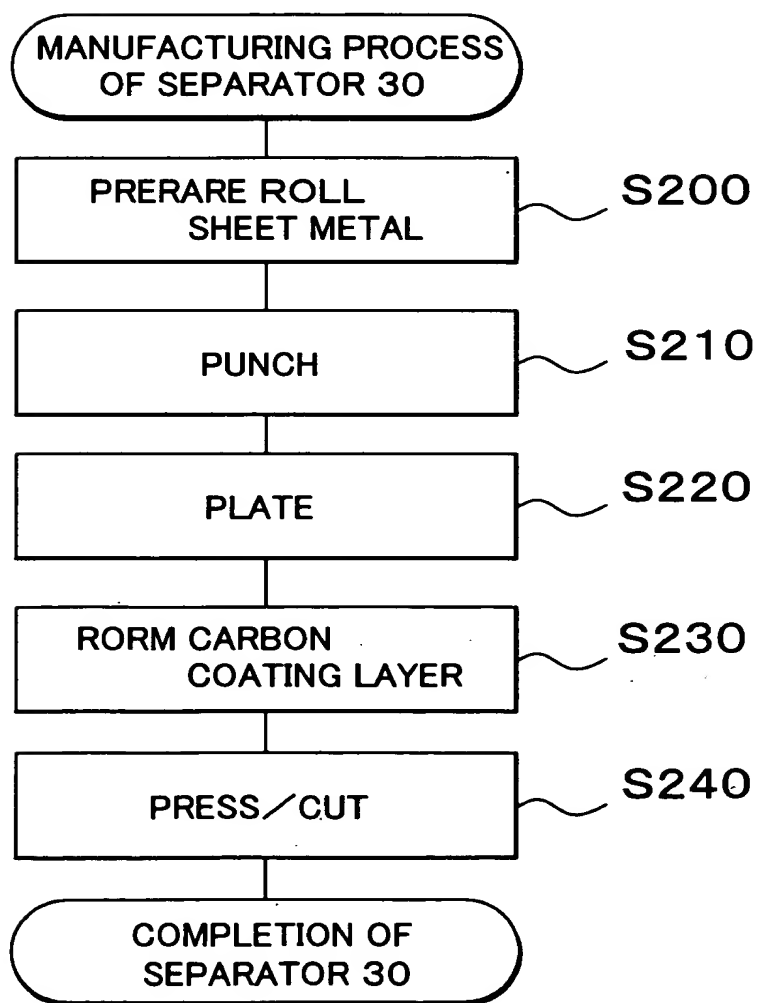


FIG. 25A

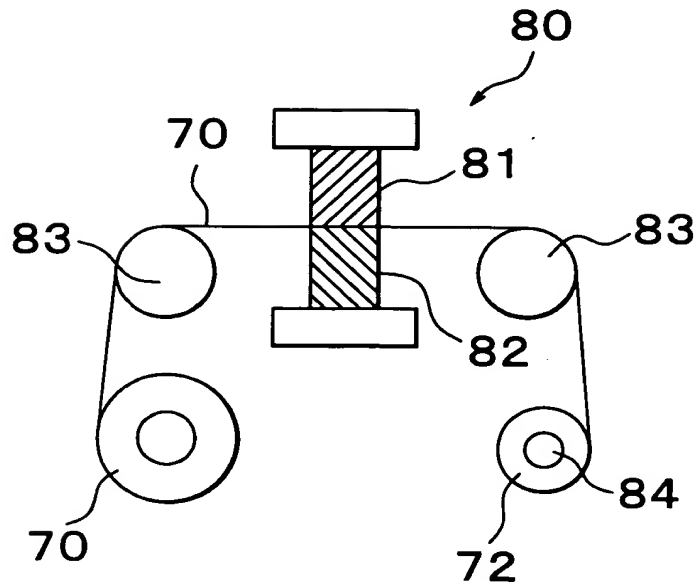
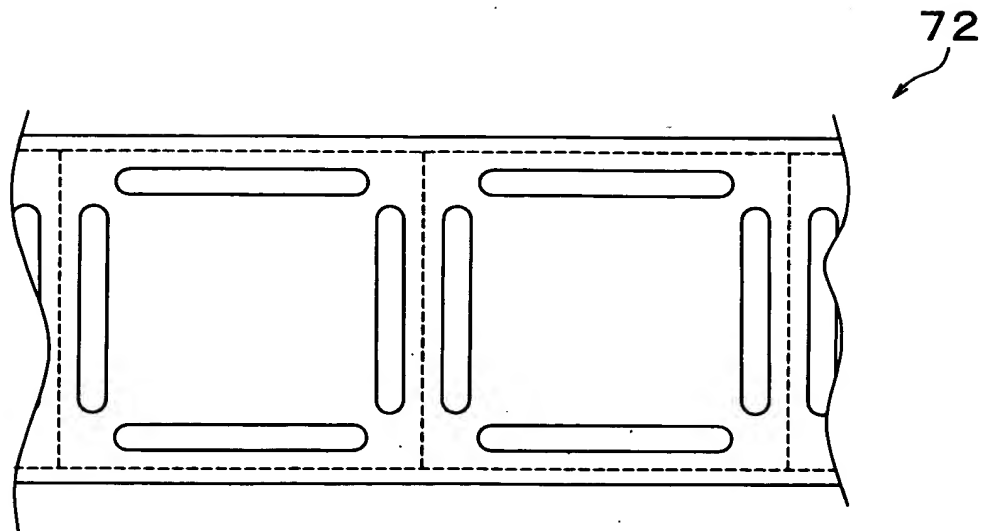
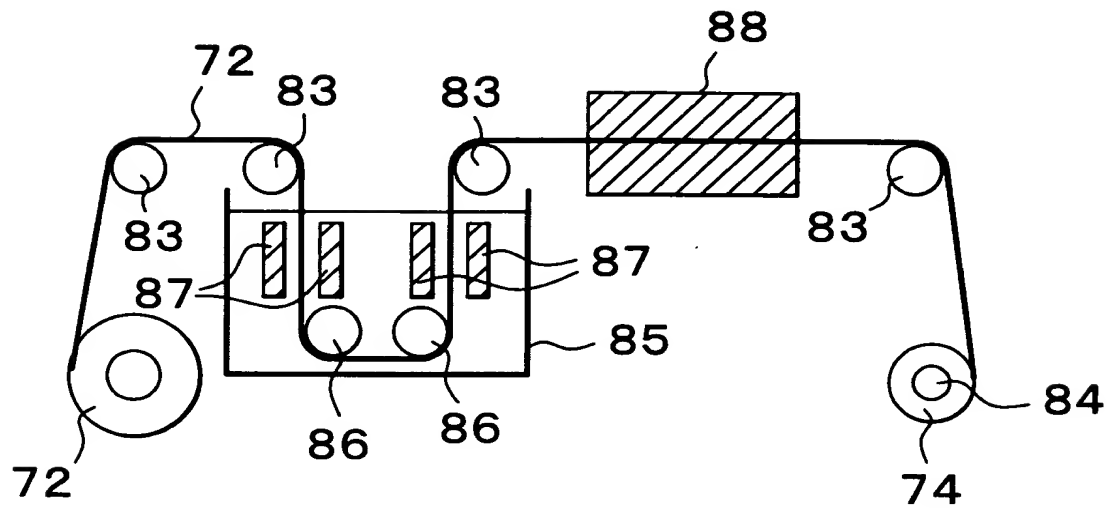


FIG. 25B



# FIG. 26



# FIG. 27

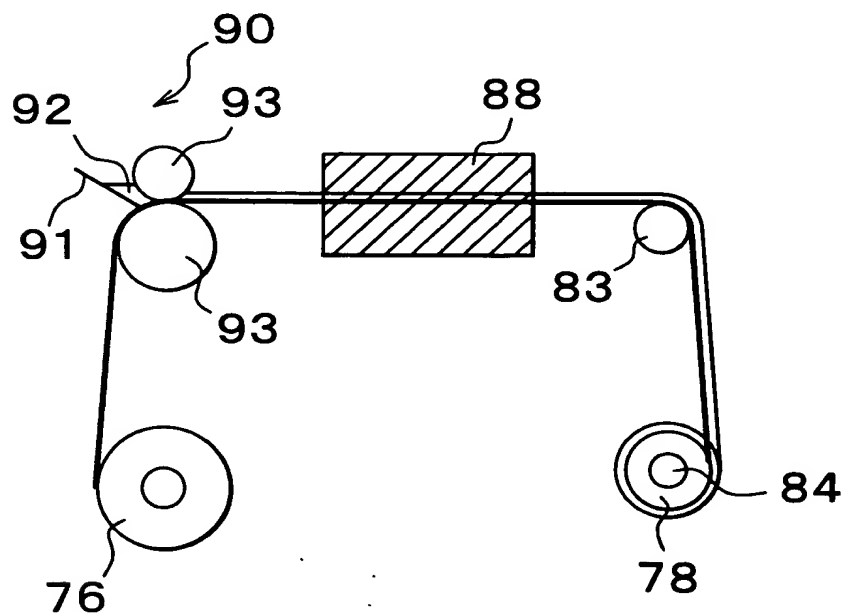


FIG. 28

